

Serial No.: 09/511,548

AMENDMENTS IN THE CLAIMS:

1. (Currently Amended) An image reader having a document moving mode in which an original document carried through a document passing area on an original table is read by a readout section, characterized in that:

- the readout section comprises a light source for irradiating light to the document;
- a first standard white board being longer than the length of said document passing area with respect to the main scanning direction is provided outside the document passing area;
- a second standard white board is provided in an external region of an end portion of the document passing area with respect to the main scanning direction;
- a control section controls the readout section in such a way that, in the document moving mode, the readout section reads the first standard white board prior to the initiation of the document read to thereby perform the shading correction, and after the document read has been initiated, said readout section reads the moving document as well as the reflected light of the second standard white board, so as to correct the quantity of irradiation light of the light source, based on a difference between a first data of quantity of light of the first standard white board and a second data of quantity of light of the second standard white board, and reads subsequent moving documents as well as the reflected light of the second white board without rereading the first standard white board so as to continue to correct the quantity of irradiation light with respect to the subsequent moving documents.

2. (Currently Amended) An image reader having both of a document fixing mode in which a readout section moves to read an original document put in a document putting area on an original table and a document moving mode in which the original document carried through a document passing area on the original table is read by the readout section, characterized in that:

- the readout section comprises a light source for irradiating light to the document;

Serial No.: 09/511,548

a first standard white board being longer than the length of said document putting area with respect to the main scanning direction is provided outside the document putting area;

a second standard white board is provided in an external region of an end portion of the document passing area with respect to the main scanning direction;

a control section controls the readout section in such a way that, in the document moving mode, the readout section reads the first standard white board prior to the initiation of the document read to thereby perform the shading correction, and after the document read has been initiated, said readout section reads the moving document as well as the reflected light of the second standard white board, so as to correct the quantity of irradiation light of the light source, based on a difference between a first data of quantity of light of the first standard white board and a second data of quantity of light of the second standard white board, and reads subsequent moving documents as well as the reflected light of the second white board without rereading the first standard white board so as to continue to correct the quantity of irradiation light with respect to the subsequent moving documents.

3. (Previously Presented) An image reader according to claim 1, wherein said second standard white board is provided in the external region of both end portions of the document passing area with respect to the main scanning direction.

4. (Canceled)

5. (Currently Amended) A method for correcting the quantity of light of a readout light source used in an image reader which irradiates an original document with the readout light source and reads the original document image based on the reflected light thereof, wherein:

In a document moving mode in which the document moves,

correction of the quantity of irradiation light of the readout light source is performed by reading a first standard white board which is longer than the length in the

Serial No.: 09/511,548

main scanning direction of a document passing area, prior to the initiation of the document read;

upon initiation of readout of the moving document, both the document and a second standard white board arranged outside the document passing area are read, by using said readout light source; and

correction of the quantity of irradiation light of said readout light source is performed based on a difference between a first data of quantity of light of the first standard white board and a second data of quantity of light of the second standard white board; and

subsequent moving documents as well as the reflected light of the second white board are read without rereading the first standard white board so as to continue to correct the quantity of irradiation light with respect to the subsequent moving documents.

6. (Previously Presented) An image reader according to claim 2, wherein said second standard white board is provided in the external region of both end portions of the document passing area with respect to the main scanning direction

7-11. (Canceled)